Message

From: Washington, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FDC3E8CE9F1D45C4894881FF420CA104-WASHINGTON, JOHN]

Sent: 10/31/2019 5:21:30 PM

To: Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Bergman, Erica

[/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user69ab393b]

CC: Goodrow, Sandra [Sandra.Goodrow@dep.nj.gov]; Buckley, Timothy [/o=ExchangeLabs/ou=Exchange Administrative

Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=197a3461d9824a17850f34cc2b0b37fe-Buckley, Timothy]

Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript

Attachments: 191101 WashingtonEtAlManuscriptPostReviewChangesAccepted.docx; 191101

WashingtonEtAlSuppMatPostReviewChangesAccepted.docx

Hi Erica,

In case you prefer to replace the earlier, this version has been improved a little by addressing two technical reviews.

In QA review now, then branch chief, division director and a higher manager level but I don't know the title.

So everyone knows, my earlier apprehension has come true – we are ~at or exceeding the word limit for the manuscript and clearly exceeding the figures+tables by one.

Thanks, John

From: Lindstrom, Andrew < Lindstrom. Andrew@epa.gov>

Sent: Thursday, October 31, 2019 12:36 PM

To: Bergman, Erica <erica.bergman@dep.nj.gov>; Washington, John <Washington.John@epa.gov> **Cc:** Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>

Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript

Erica,

That sounds excellent.

We're looking forward to our December visit. There's a lot of new territory to explore.

Thank you very much,

Andy

From: Bergman, Erica < Erica. Bergman@dep.nj.gov>

Sent: Thursday, October 31, 2019 12:15 PM

To: Washington, John < Washington. John@epa.gov >; Lindstrom, Andrew < Lindstrom. Andrew@epa.gov >

Cc: Goodrow, Sandra < Sandra.Goodrow@dep.nj.gov>

Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript

John and Andy,

I forwarded the most recent draft of the manuscript and supplemental materials to my bureau chief, so he can disseminate to others up the management chain for review. I just wanted to let you know, I don't anticipate any problems.

Erica

From: Washington, John < Washington. John@epa.gov>

Sent: Wednesday, October 30, 2019 1:34 PM

To: Bergman, Erica < Erica.Bergman@dep.nj.gov; Lindstrom, Andrew < Lindstrom.Andrew@epa.gov; Strynar, Mark

<Strynar.Mark@epa.gov>

Cc: Goodrow, Sandra < Sandra.Goodrow@dep.nj.gov>

Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript

Hi Erica,

Yes I already added it and I used the reference you suggest.

I haven't looked yet, but I imagine I will use all your and Sandra's edits as well. I will let you know if I have any substantive questions on it.

Thanks! John

From: Bergman, Erica < Erica. Bergman@dep.nj.gov > Sent: Wednesday, October 30, 2019 12:53 PM

To: Washington, John <<u>Washington.John@epa.gov</u>>; Lindstrom, Andrew <<u>Lindstrom.Andrew@epa.gov</u>>; Strynar, Mark <Strynar.Mark@epa.gov>

Cc: Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>

Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript

John,

Do you still plan to include product characterization information on Solvay product SURFLON when discussing the prevalence of C11 and C13? For a citation, the % weight by carbon chain length for SURFLON is included in the Supporting Information, *Prevedouros K, Cousins IT, Buck RC, Korzeniowski SH (January 2006). "Sources, fate and transport of perfluorocarboxylates". Environ Sci Technol.* **40** (1): 32–44. <u>doi:10.1021/es0512475</u>. <u>PMID 16433330</u>. Supporting Information (PDF).

Erica

Erica Bergman

NJ Department of Environmental Protection

Site Remediation Program – Bureau of Case Management 401 E. State Street - Mail Code 401-05F P.O. Box 420

Trenton, NJ 08625-0420 erica.bergman@dep.nj.gov

609-292-7406

From: Washington, John < Washington. John@epa.gov>

Sent: Monday, October 28, 2019 8:56 AM

To: Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>; Bergman, Erica <Erica.Bergman@dep.nj.gov>

Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript

Hey Sandra and Erica,

The manuscript has gone thru EPA technical review. After I address the comments, hopefully this week, it will go to the next step of clearance.

Between review steps is a convenient place to change verbiage on the Sampling Campaign (attached page S3, with map and table on pages S4 and S5), if changes are recommended. If you are too busy, you could just cross out any erroneous parts, if any, and I would remove the erroneous material.

But it is not really a problem for me to proceed with the next step as is. Just thought I would offer the opportunity because we are between two steps in our clearance process.

Thanks! John

From: Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>

Sent: Wednesday, October 9, 2019 8:43 AM

To: Washington, John < Washington. John@epa.gov >; Bergman, Erica < erica. bergman@dep.nj.gov >

Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript

John,

We can write up the "Sampling Campaign" section for you, but have not completed it yet. When do need it by?

Sandra M. Goodrow, Ph.D.

Research Scientist I
NJ Dept. of Environmental Protection
Division of Science & Research
428 E. State St., 1st Floor
Mail Code 428-01, P.O. Box 420
Trenton, NJ 08625-0420
(609) 984-9556
Sandra.Goodrow@dep.nj.gov

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From: Washington, John < Washington. John@epa.gov>

Sent: Wednesday, October 9, 2019 7:30 AM

To: Bergman, Erica < Erica.Bergman@dep.nj.gov

Cc: Goodrow, Sandra < Sandra.Goodrow@dep.nj.gov

Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript

Great thanks Erica.

Sent: Tuesday, October 8, 2019 4:51 PM To: Washington, John < Washington. John@epa.gov> Cc: Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov> Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript John, The sentences on C9 mobility that you added are good. It sounds like it will be ok to add language during the EPA review period, so if you wanted to add additional language, there are citations from several papers regarding sorption in soils in the Draft ITRC document:

Thanks, Erica

Erica Bergman

NJ Department of Environmental Protection

From: Bergman, Erica < Erica. Bergman@dep.nj.gov>

Site Remediation Program – Bureau of Case Management 401 E. State Street - Mail Code 401-05F P.O. Box 420 Trenton, NJ 08625-0420 erica.bergman@dep.nj.gov 609-292-7406



From: Washington, John < Washington. John@epa.gov>

Sent: Tuesday, October 8, 2019 8:52 AM

To: Bergman, Erica < Erica. Bergman@dep.nj.gov>

Subject: RE: [EXTERNAL] Discussion of NJ soil PFAS manuscript

Hi Erica,

No problem. I know I am pushing, but I hope to try to keep making progress because EPA clearance will be a protracted process.

We will be able to work on more aesthetic edits during EPA clearance, or while addressing EPA clearance comments. If you have time to look at the few sentences I added on C9 mobility, to see if it gets most the way there in terms of substance, that would help. If you get the chance to look at the changes, do you think the overarching substance is okay to proceed with EPA clearance? And then aesthetic edits could be worked on during EPA clearance and while addressing comments.

If you want to talk, I can talk this PM before 2:30 or after 3:30.

Thanks, John

----Original Appointment----

From: Bergman, Erica < Erica. Bergman@dep.nj.gov>

Sent: Tuesday, October 8, 2019 8:40 AM

To: Washington, John

Subject: Declined: [EXTERNAL] Discussion of NJ soil PFAS manuscript

When: Wednesday, October 9, 2019 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where:

John,

My apologies, but I am in an all-day training session on Weds 10/9.

Erica